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Using the Online Feline Screen Portal: Notes for Cardiologists

Please note that the pictures used in these notes have been taken from the test site and may differ slightly from those seen on the site once it has been launched.

Screen Form: General Details

- The screen includes a clinical examination, and the results are recorded on the screen form, including the weight & condition score. The echocardiography section follows on from this and your scan results should be directly entered onto the online form.
- Please complete all sections unless OPTIONAL is stated.

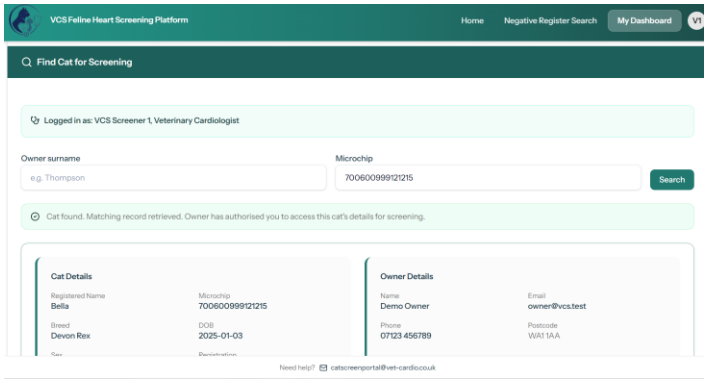
- Once you have completed the screen and finally approved it, the form will be locked. You will be able to see the whole form in your account subsequently and will be emailed a copy of the owners' certificate.
- The owner and primary care vet will automatically be sent a certificate.
- Each screen form completed will incur a charge of £10 which will be added to your account. An invoice will be sent to you every quarter.
- All negative results will automatically be added to the HCM negative register on the platform, which is accessible to the public.
- Please email the administrators if you have any problems with the screening platform catscreenportal@vet-cardio.co.uk

Activating Your Screener Account.

- Shortly before launch (probably October 26th), you will receive an automated email from catscreenportal@vet-cardio.co.uk with a link to set your password and log in. If the link has expired, just click "Forgot password" on the login page.
- You will have a private account set up for you on the site associated with the email that I have used to contact you.
- You will be asked to check that your qualifications and contact details to be shown on the owner's screen certificates, are correct. Your email shown on the certificate may be different from the one that VCS/CSAG use to contact you.

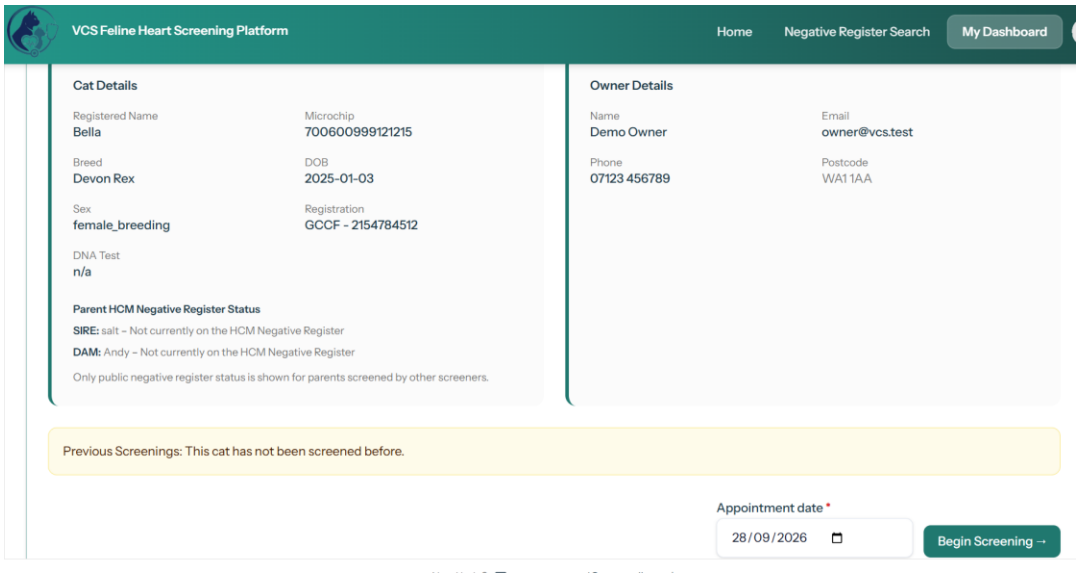
Initiating a Screen.

- You can begin the screen form for the cat being screened by searching using its microchip number. Please enter the owners' name as well in case the cat has been registered in the past by a different owner.
- If the owner has forgotten to assign you as the screener, you will receive a notification. The owner will then need to go into their account on the portal and choose the correct screener from the drop-down list. A repeat search for the cat should allow you to commence the screen form.

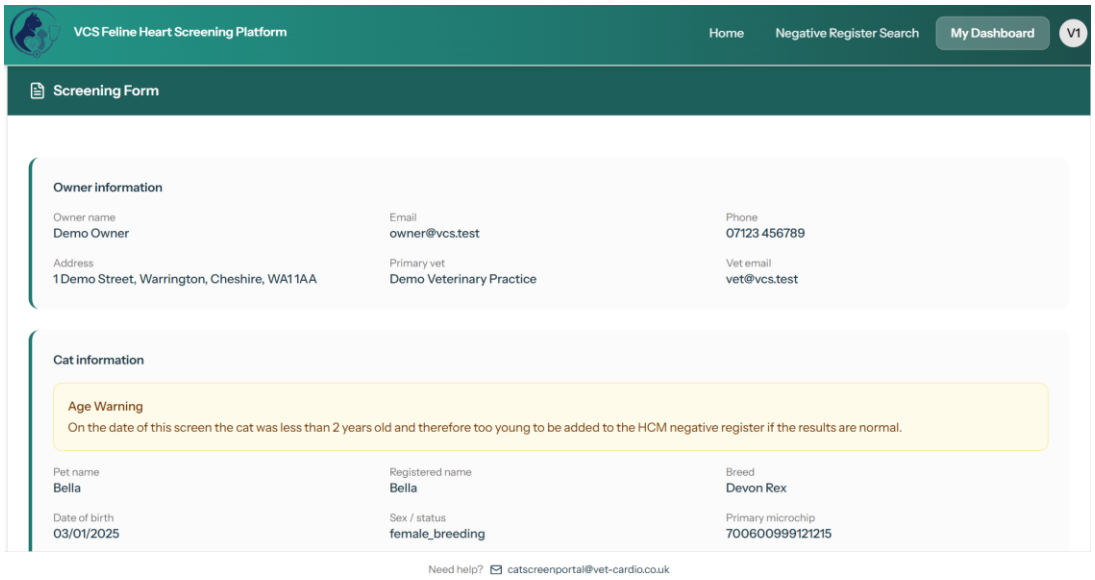


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- The first sections of the online screen form (owner and cat details) are then automatically populated but can be corrected if the owner has made a mistake when entering information into their account. Please run through it with the owner to make sure there are no mistakes.
- Previous screen results for this cat can be seen if they were performed on the CSAG screen portal. Please adhere to the CSAG advice so that consistency is maintained between CSAG screening cardiologists.
- If the parents have HCM negative screen results on the portal these will be shown.

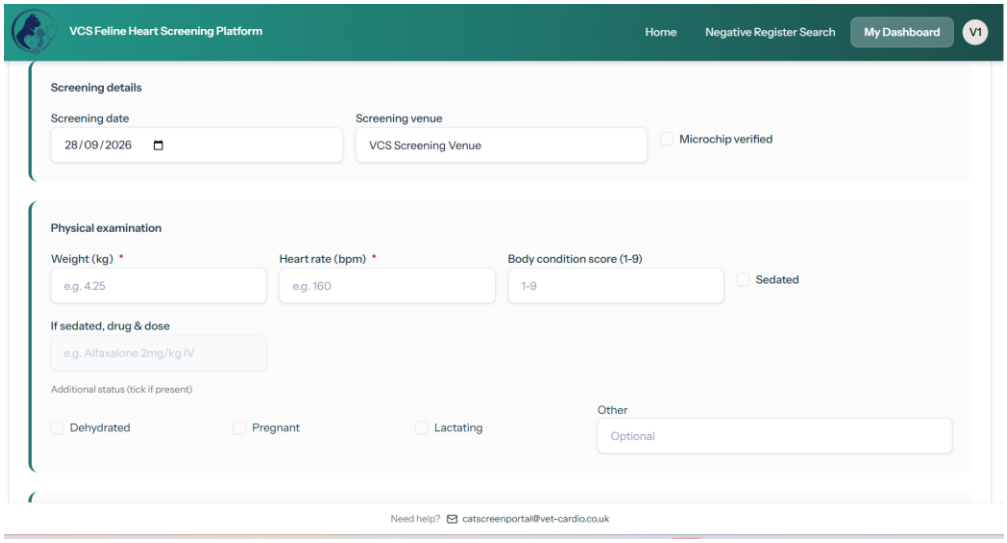


The Age warning will remind screeners to say to the owner that, even if the results are normal for this cat, it will not be placed on the HCM negative register. Only the normal screen results from cats older than 2 years will be added to the register. The owner will still receive a certificate.



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Scroll down to screening details and change the screen date, if necessary, add the screening venue and confirm the microchip.

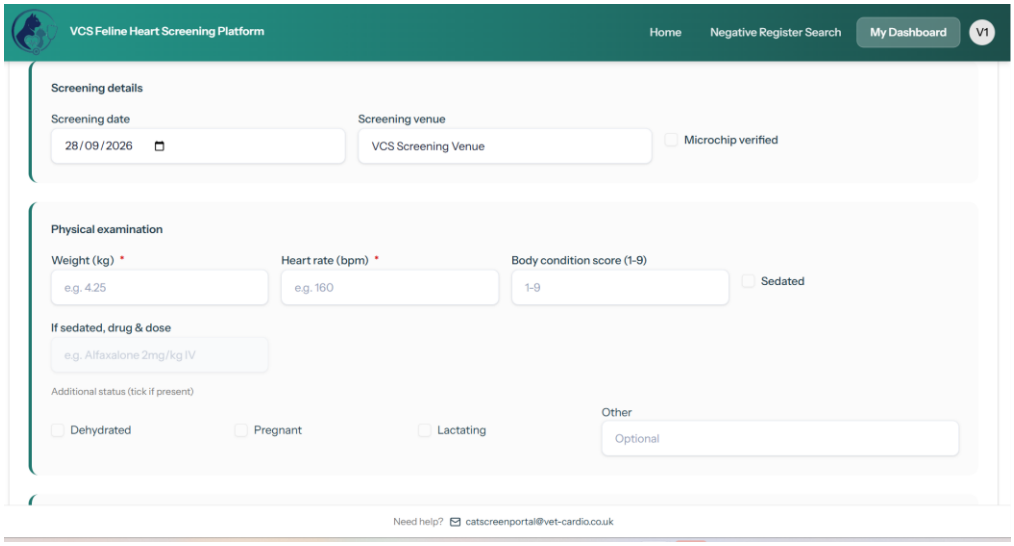


Completing the examination and echocardiography data sections.

KEY to acronyms used in the form

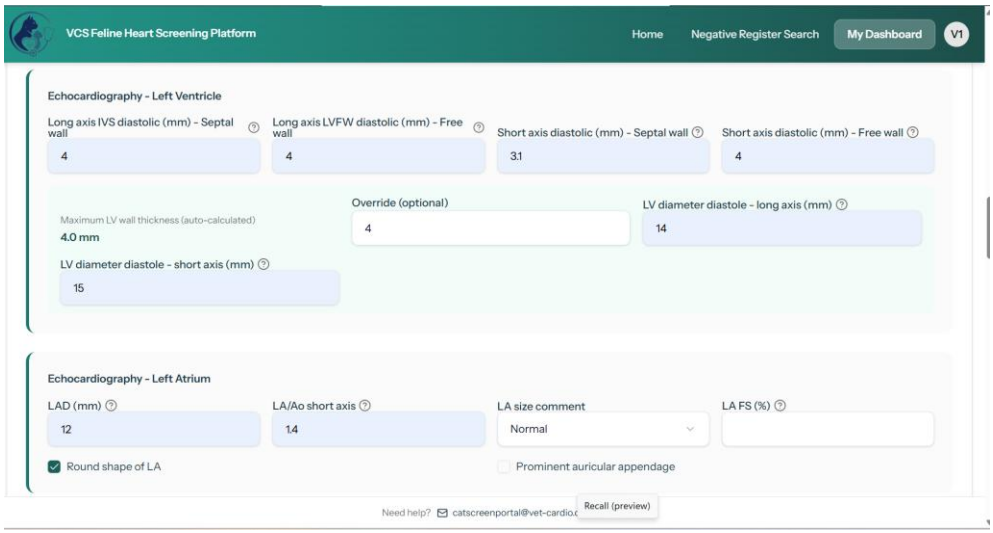
ATE = arterial thrombo-embolism BTI = blood tissue interface. CAM = Systolic anterior motion of the chordae tendinae. CHF = congestive heart failure CW = continuous wave Doppler DUST = Discrete Upper Septal Thickening IAS = Interatrial septum. LA = left atrium LAA = Left auricular appendage. LAD = Left atrial diameter	LAFS = Left Atrial Fractional shortening LV = Left Ventricle LVOT = Left ventricular outflow tract. LVWT = Left ventricular wall thickness PA = Pulmonary Artery PW = pulsed wave Doppler RPLA = Right parasternal long axis view. RPSA = right parasternal short axis view. RVOT = Right ventricular outflow tract. SAM = Systolic anterior motion of the mitral valve.

Continue through the physical examination and auscultation sections ticking and adding figures where appropriate.



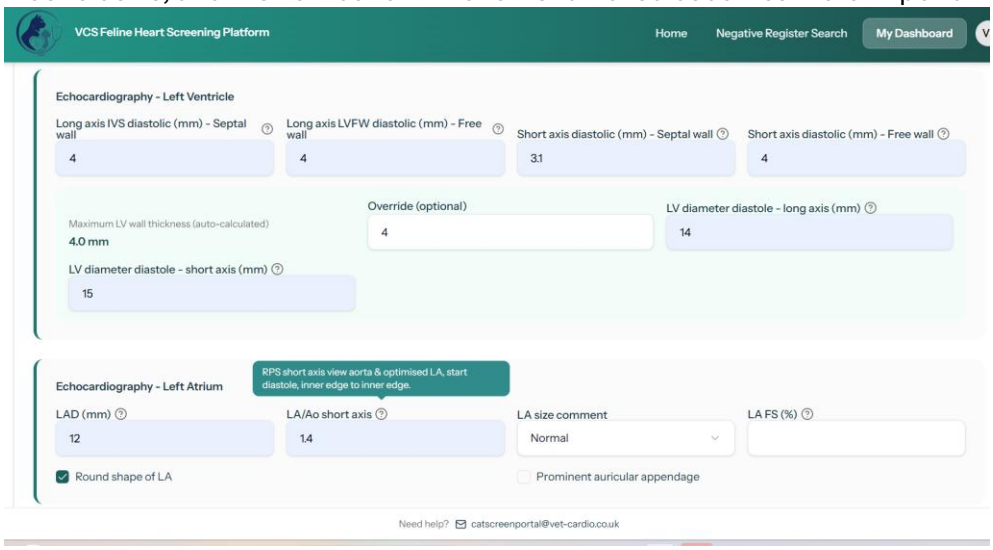
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Continue with the echocardiography results.
You can override the maximum LV wall thickness if for example there was a slight thickening where a chord attached in the left ventricle which you wanted to record but didn't think it should influence the HCM status.



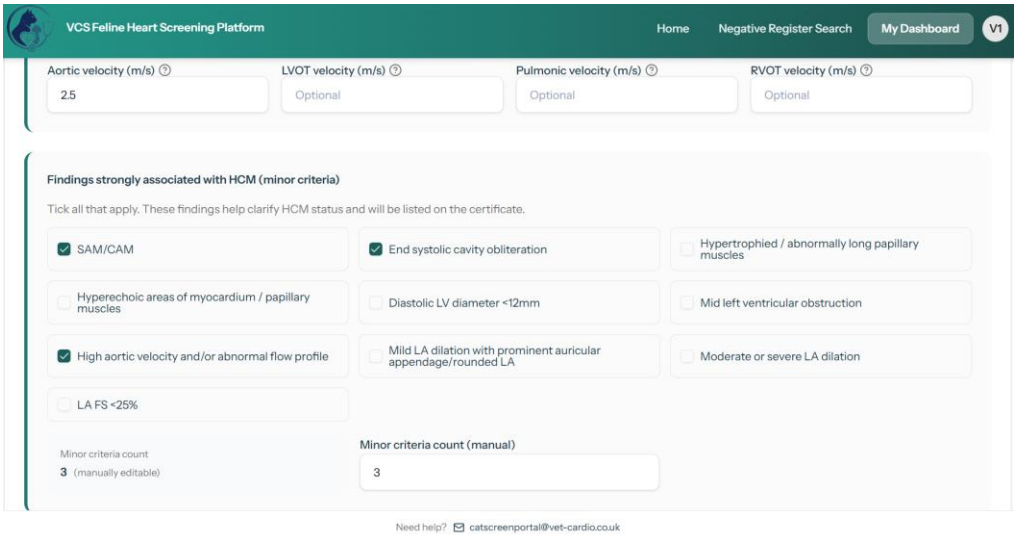
If you click on the '?' beside each of the measurements a 'pop up' will show to remind screeners of the standardised view and method of measuring required.

LA FS is not a mandatory measurement but can be included when a cats results appear inconclusive, and the number of minor criteria ticked becomes more important.

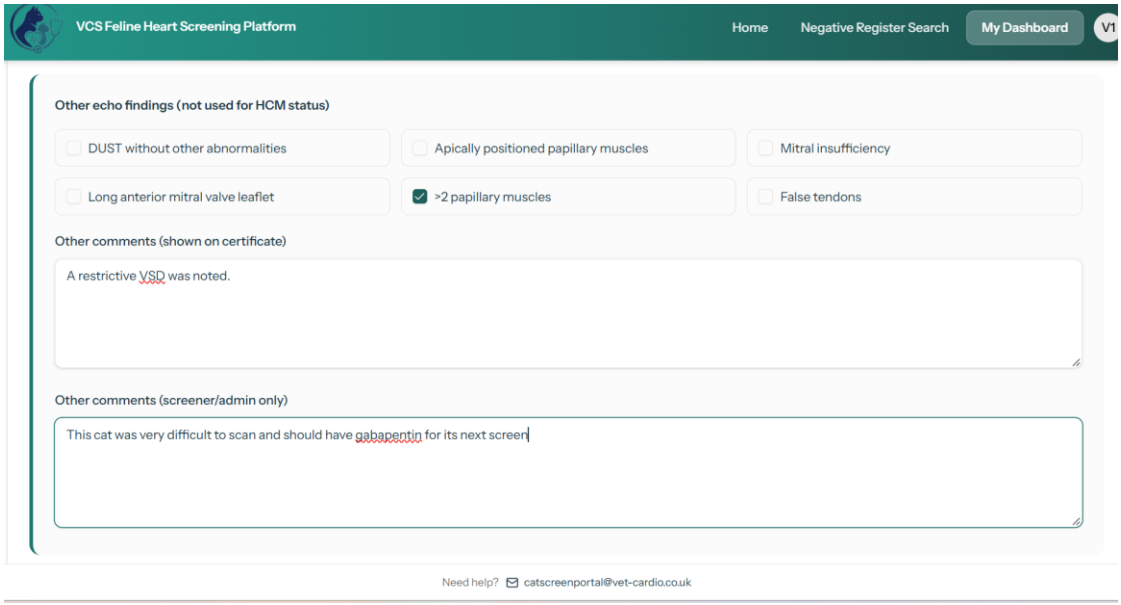


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Outflow velocities are not mandatory.
Tick all the findings strongly associated with HCM (minor criteria count) that are appropriate and then enter the number MANUALLY.



Tick any of the other findings.
The 'other comments (shown on certificate)' box on this page will appear on the second page of the owners' certificate (see this mock screen owners' certificate below) and is important to complete if the cat has cardiac disease other than HCM that may not be considered relevant to breeding.

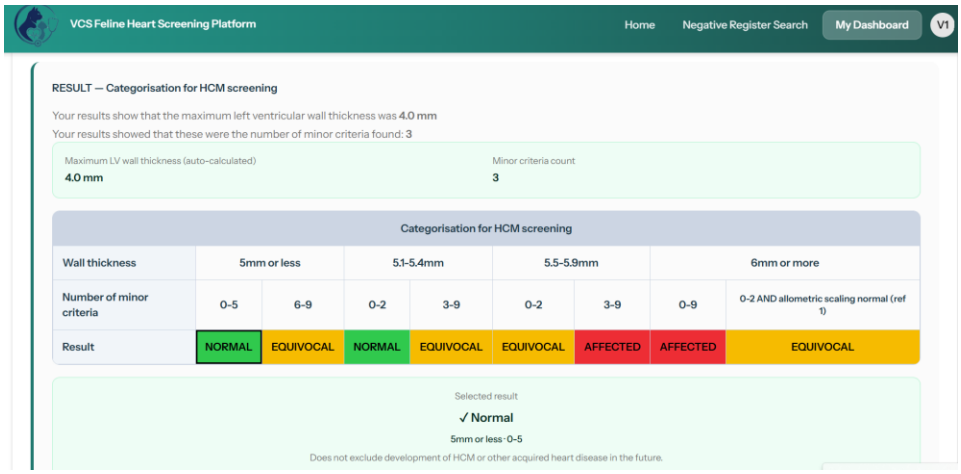


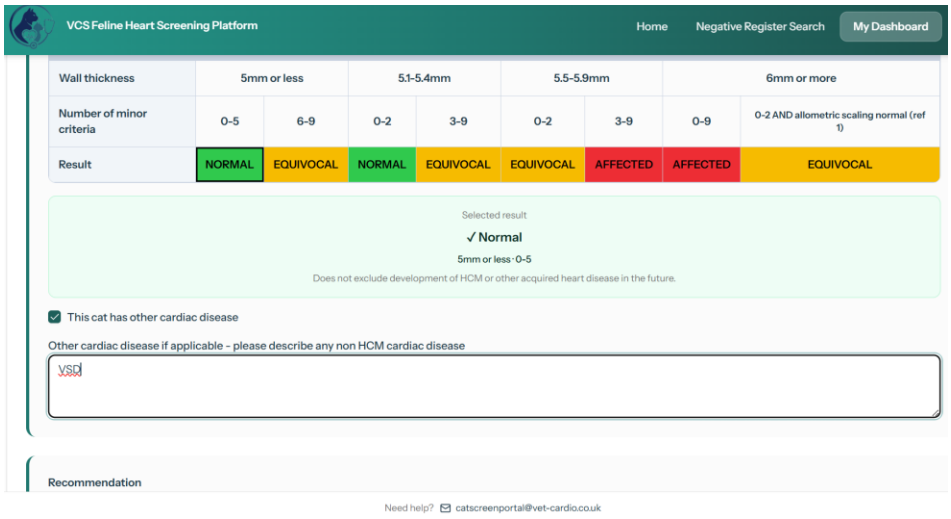
RESULTS Section.

The result is automatically generated using the maximum wall thickness recorded and the number of minor criteria counted and recorded previously. Please check that this is the HCM result that you think is appropriate for this cat.
IMPORTANT. There is a box beneath the HCM results which must be ticked if the cat has another cardiac disease that you think should preclude breeding or will be significant to the cat in terms of health. Add details in the text box and these will appear in the owner's certificate on

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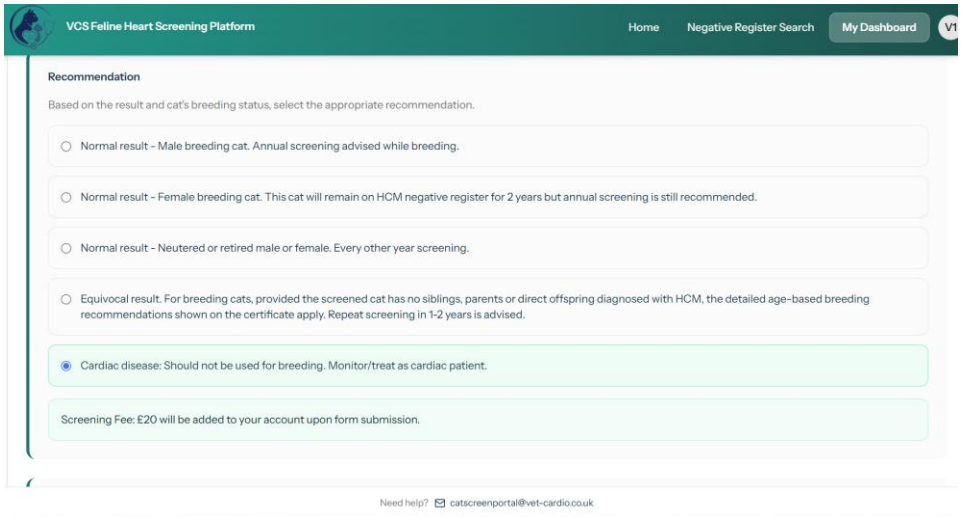
the FIRST page (see certificate pictures generated from this mock up screen) showing that, although this cat is normal for HCM, it has another cardiac disease. Cats with these results will not be added to the HCM negative register





Recommendation Section

Tick the recommendation that applies. In this picture the portal fee per cat is shown as £20 but it will be £10 per cat.



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The recommendation text that the owner will see on their certificate is as follows.

Normal result: Male breeding cat.
Annual screening advised.
Normal result: Female breeding cat and neutered or retired male or female.
Screen every other year.

Equivocal result.

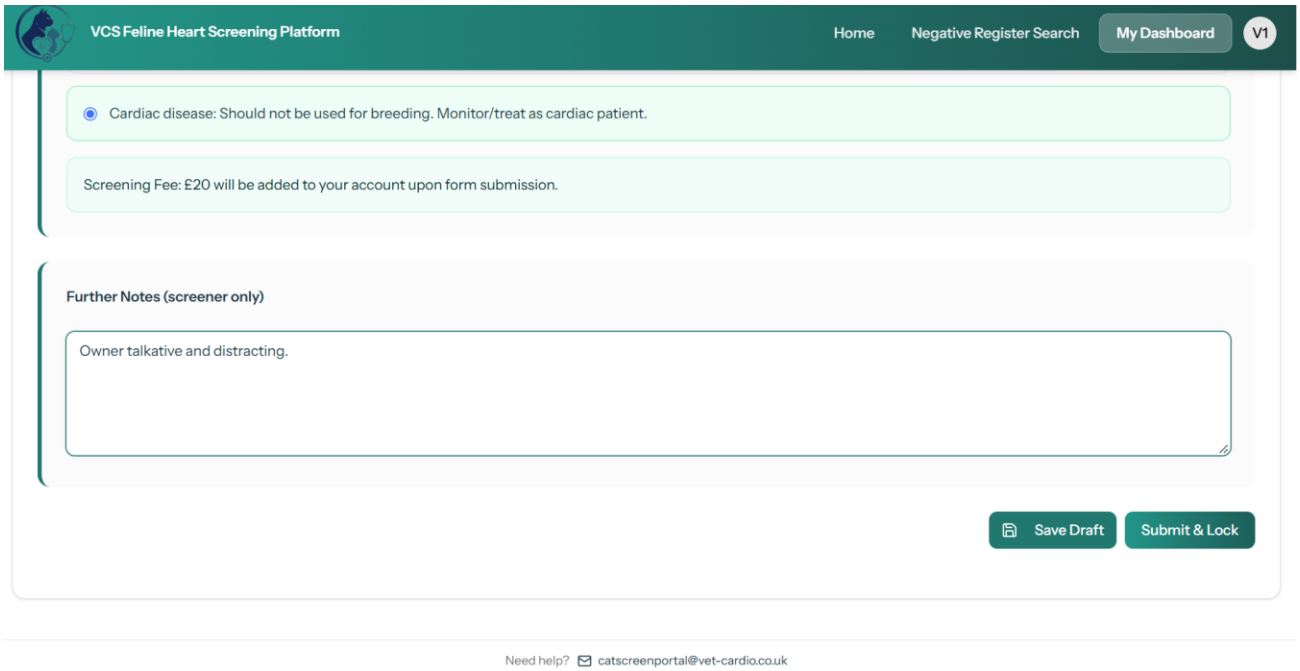
Provided the screened cat has no siblings, parents or direct offspring diagnosed with HCM,

- Equivocal cats younger than 2 years should not be bred from & screening repeated when older than 2 years
- Equivocal cats 2-3 years old. If these cats are mated their kittens should not be bred from, unless that parent has a subsequent normal result or remains equivocal after 3 years old
- Equivocal cats > 3 years old can be bred with cats who have a normal screening result

Other Cardiac Disease.
This cat has cardiac disease and should not be used for breeding. Should be monitored or treated as a cardiac patient.

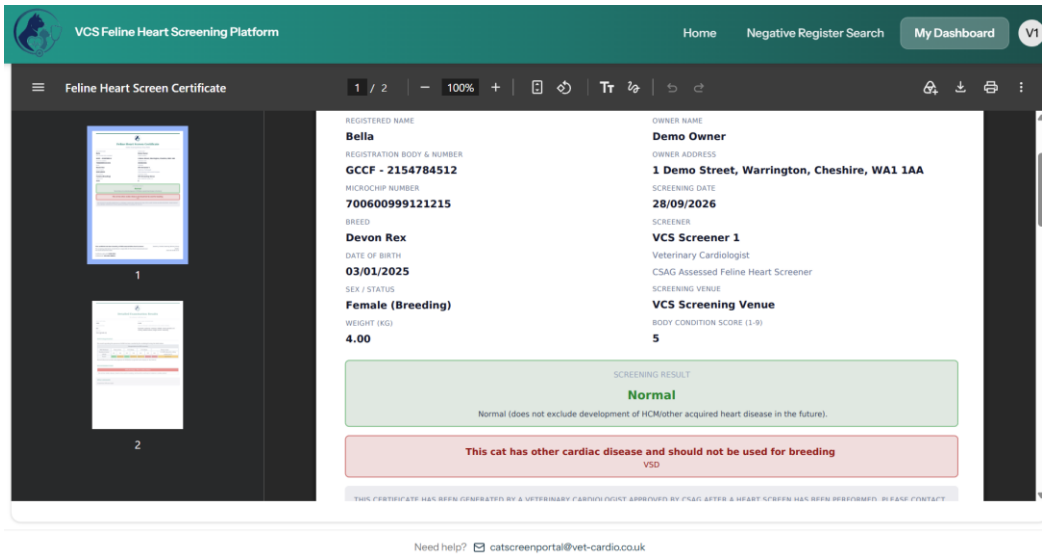
<u>Final Stages of Form Completion.</u>

- 'Save draft' allows you to keep the certificate unlocked and you can go back to it later and finish completing it.
- Submit and Lock does what it says.
- The certificate for the screen will be automatically generated and sent to you, the owner and the owner's vet. Your account will be charged £10.
- You can view the completed owner's certificate in the list on your account, together with the full completed screen form once it has been completed, submitted and locked.



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Page 1 of the owner's certificate from this example screen form.



Page 2 of the owner's certificate from this example screen form

